

**AMENDMENTS TO THE SPECIFICATION**

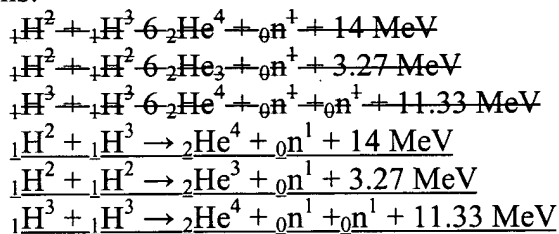
In the following, insertions are underlined (e.g., insertion), and deletions are struckthrough or in double brackets (e.g., ~~deletion~~ or [[deletion]]).

**Please amend the paragraph beginning at page 9, line 6 as indicated below:**

9B1  
The targets 18 of the present embodiment are constructed of a scandium ~~titride~~ tritide layer deposited on a copper (Cu) substrate, both substances which are well known in the material sciences, the targets having the desirable property of generating a stream of neutrons (neutrally charged nucleons) and alpha particles (ionized helium nuclei) when properly excited by the incident deuteron-tritium ion beam 10. It can be appreciated, however, that other types of targets and materials may be used in this application.

**Please amend the paragraph beginning at page 9, line 12 as indicated below:**

Neutrons are created in the target(s) according to the following exemplary reactions:



Note that the energy of the incident deuteron/tritium ion beam 10 must be sufficient to overcome any coulombic interaction with the positively charged nuclei of the target material atoms. Deuteron/tritium ion energies of 0.05 MeV or greater have been found sufficient for this purpose.